

## **DEBORAH ELCOCK**

Environmental Policy Analysis Section  
Environmental Science Division  
Argonne National Laboratory

### **Education:**

M.B.A.	Dartmouth College, Amos Tuck School of Business Administration, Business Administration and Environmental Studies, 1974
B.A.	Connecticut College, Mathematics, 1972

### **Professional Experience:**

1991-Present	Policy Analyst Environmental Science Division Argonne National Laboratory
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Conduct energy and environmental regulatory and policy analyses for public and private sector organizations using analytical tools such as geographic information systems and life-cycle analysis. Provide technical expertise to help effect the efficient implementation of sustainable practices such as green buildings across the DOE complex. Plan and execute studies to inform decision making on issues such as regulatory and resource barriers to increased energy production, nanotechnology applications and implications, water use, and waste management. Develop and evaluate regulatory options to increase cost-effective environmental compliance.

### **Summary of Previous Experience:**

1991	Analytical Services, Inc., Columbia, Maryland
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Provided technical support in policy and environmental analysis for DOE. Prepared and analyzed pollution prevention policy options for DOE and wrote guidance document to assist DOE field personnel prepare RCRA contingency plans.

1988-1991	Hammer, Siler, George Associates, Silver Spring, Maryland
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Conducted market and financial feasibility assessments for proposed development projects, developed strategies for federal facility reuse, and prepared economic and fiscal impact studies for public and private facilities.

1981-1985      CONSAD Research Corporation, Vienna, Virginia

Provided project management and technical support for regulatory planning and analysis, environmental assessment, and energy and environmental policy analysis. Conducted environmental, economic, and cost-benefit analyses for energy-related activities. Developed and implemented a procedure to identify and assess impacts of environmental regulations on industrial activities. Identified and compared risks associated with health and safety regulations as input to proposed EPA regulations.

1978-1980      The MITRE Corporation, McLean, VA

Managed an environmental impact assessment system for DOE to identify, analyze, and plan for environmental and economic impacts associated with energy policies and programs. Developed management tools to assess subcontractor progress on 20 concurrent projects. Prepared environmental assessment training sessions for DOE and National Laboratories.

1974-1978      The MITRE Corporation, McLean, VA

Provided technical support to the Department of Energy, U.S. Army Corps of Engineers, and Council on Environmental Quality in environmental assessment and environmental policy. Prepared over 50 environmental assessments and environmental impact statements. Helped develop system to expedite environmental assessments for U.S. Army Corps of Engineers permit applications. Analyzed potential impacts of proposed energy and environmental policies. Helped prepare policy document for incoming presidential administration on issues associated with developing commercial nuclear power plants.

**Research Interests:**

Domestic and international environmental policy and management  
Sustainable development, including green buildings  
Environmental applications and implications of nanotechnology  
Life-cycle assessment

**Professional Activities:**

Air and Waste Management Association  
Society for Risk Analysis

**Publications:**

Author of 100+ journal, book, report, and conference publications.